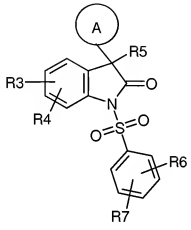
In the Claims:

1. (Currently Amended) A compound of the formula (I)



(I)

in which

A is an aromatic heteromonocyclic ring,

where the heterocycles are 5- or 6-membered rings and comprise up to 4 heteroatoms selected from the group consisting of N, O and S, ~~and up to 2 oxo groups,~~ where not more than one of the heteroatoms is an oxygen or sulfur atom,

and A may be substituted by radicals R^{11}, R^{12} and/or R^{13},

where

R^{11}, R^{12} and R^{13} at each occurrence are selected independently of one another from the group consisting of hydrogen chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, $NH(C_1$-C_4-alkyl) and $N(C_1$-C_4-alkyl)$_2$,

R^3 and R^4 are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, $NH(C_1$-C_4-alkyl) and $N(C_1$-C_4-alkyl)$_2$, or

R^3 and R^4 are connected to give -CH=CH-CH=CH-, $-(CH_2)_4$- or $-(CH_2)_3$-,

R^5 is a radical (W)-(X)-(Y)-Z, where

W is selected from the group consisting of NR^{54}, NR^{54}-(C_1-C_4-alkylen) and a bond,
X is selected from the group consisting of CO, CO-O, SO_2, NR^{54}, NR^{54}-CO, NR^{54}-SO_2 , CO-NR^{58} and a bond,
Y is C_1-C_6-alkylen, C_2-C_6-alkenylen, C_2-C_6-alkynylen, or a bond,
Z is selected from the group consisting of hydrogen, E, O-R^{52}, $NR^{51}R^{52}$, S-R^{52}, where

E is an unsaturated, saturated or partially unsaturated mono-, bi- or tricyclic ring having a maximum of 14 carbon atoms and 0 to 5 nitrogen atoms, 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms, said ring may comprise up to two oxo groups, and may be substituted by radicals R^{55}, R^{56}, R^{57}, and/or up to three radicals R^{53},

R^{51} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl and C_1-C_4-alkylen-phenyl, where the phenyl ring may be substituted by up to two radicals R^{53},

R^{52} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, E and C_1-C_4-alkylen-E,

R^{53} at each occurrence is independently selected from the group consisting of hydrogen chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

R^{54} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl and C_1-C_4-alkylen-phenyl, where the phenyl ring may be substituted by up to two radicals R^{59},

R^{55} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl, C_1-C_4-alkylen-phenyl, where the ring may be substituted by up to two radicals R^{60}, and OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

R^{56} is a group Q^1-Q^2-Q^3, where

Q^1 is selected from the group consisting of a bond, C_1-C_4-alkylen, C_2-C_4-alkenylen, C_2-C_4-alkynylen, C_1-C_4-alkylen-N(C_1-C_4-alkyl), N(C_1-C_4-alkyl), C_1-C_4-alkylen-NH, NH, N(C_1-C_4-alkyl)-

C_1-C_4-alkylen, NH-C_1-C_4-alkylen, O, C_1-C_4-alkylen-O, O-C_1-C_4-alkylen, CO-NH, CO-N(C_1-C_4-alkyl), NH-CO, N(C_1-C_4-alkyl)-CO, CO, SO_2, SO, S, O, SO_2-NH, SO_2-N(C_1-C_4-alkyl), NH-SO_2, N(C_1-C_4-alkyl)-SO_2, O-CO-NH, O-CO-N(C_1-C_4-alkyl), NH-CO-O, N(C_1-C_4-alkyl)-CO-O, N(C_1-C_4-alkyl)-CO-N(C_1-C_4-alkyl), NH-CO-N(C_1-C_4-alkyl), N(C_1-C_4-alkyl)-CO-NH, and NH-CO-NH,

Q^2 is selected from the group consisting of C_1-C_4-alkylen, C_2-C_4-alkenylen, C_2-C_4-alkynylen, and a bond,

Q^3 is a hydrogen or an unsaturated, saturated or partially unsaturated mono-, bi- or tricyclic ring having a maximum of 14 carbon atoms and 0 to 5 nitrogen atoms, 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms, which may comprise up to two oxo groups and may be substituted by the radicals R^{63}, R^{64} and/or R^{65},

R^{57} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, phenyl, C_1-C_4-alkylen-phenyl, COOH, CO-O-C_1-C_4-alkyl, $CONH_2$, CO-NH-C_1-C_4-alkyl, CO-N(C_1-C_4-alkyl)$_2$, CO-C_1-C_4-alkyl, CH_2-NH_2, CH_2-NH-C_1-C_4-alkyl and CH_2-N(C_1-C_4-alkyl)$_2$,

R^{58} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl and C_1-C_4-alkylen-phenyl, where the phenyl ring may be substituted by up to two radicals R^{62},

R^{59}, R^{60} and R^{62} at each occurrence are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

R^{63}, R^{64} and R^{65} at each occurrence are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

~~provided that if W is a bond, then X is NR^{54}, NR^{54}-CO or NR^{54}-SO_2, or if W is a bond, then X and Y are a bond and Z is $NR^{51}R^{52}$,~~ provided that if W is a bond, then X is NR^{54}, NR^{54}-CO or NR^{54}-SO_2, or if W is a bond, then X and Y are a bond and Z is $NR^{51}R^{52}$ or E, where E is an unsaturated, saturated or partially unsaturated mono-, bi- or tricyclic ring having a maximum of 14 carbon atoms and 1 to 5 nitrogen atoms, and 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms, which ring may comprise up

to two oxo groups and may be substituted by radicals R^{55}, R^{56}, R^{57} and/or up to three radicals R^{53}, and which ring is bound via a nitrogen ring atom to the remainder of the molecule,

R^6 and R^7 are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

and their tautomeric forms, enantiomeric and diastereomeric forms~~, and prodrugs~~ thereof.

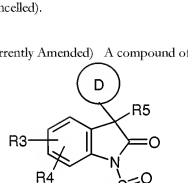
2. (Previously Presented) The compound of claim 1, wherein A is an aromatic heteromonocyclic system~~s~~ comprising 1 or 2 heteroatoms, where one of the 2 heteroatoms is nitrogen.

3. (Previously Presented) The compound of claim 1, wherein A is selected from the group consisting of pyrimidine, pyridine, pyridazine, pyrazine, thiazole, imidazole, thiophene and furan.

4. (Cancelled).

5. (Cancelled).

6. (Currently Amended) A compound of the formula (III),



(III)

in which

D is an aromatic heteromonocyclic ring,

where the heterocycles are 5- or 6-membered rings and comprise up to 4 heteroatoms selected from the group consisting of N, O and S, ~~and up to 2 oxo groups,~~

and D may be substituted by radicals R^{21}, R^{22} and/or R^{23},

G is an aromatic heteromonocyclic, aromatic or partially aromatic heterobicyclic ring,

where the heterocycles are 5- or 6-membered rings and comprise up to 4 heteroatoms selected from the group consisting of N, O and S, and up to 2 oxo groups and

G may be substituted by radicals R^{71}, R^{72} and/or R^{73},

R^{21}, R^{22}, R^{23}, R^{71}, R^{72} and R^{73} at each occurrence are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$, morpholin-4-yl, pyrrolidin-1-yl, piperidin-1-yl, 4-piperazin-1-yl, 4-(C_1-C_4-alkyl)-piperazin-1-yl,

R^3 and R^4 at each occurrence are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$, or

R^3 and R^4 are connected to give -CH=CH-CH=CH-, -$(CH_2)_4$- or -$(CH_2)_3$-,

R^5 is a radical (W)-(X)-(Y)-Z, where

W is selected from the group consisting of NR^{54}, NR^{54}-(C_1-C_4-alkylen) and a bond,
X is selected from the group consisting of CO, CO-O, SO_2, NR^{54}, NR^{54}-CO, NR^{54}-SO_2, CO-NR^{58} and a bond,
Y is C_1-C_6-alkylen, C_2-C_6-alkenylen, C_2-C_6-alkynylen, or a bond,
Z is selected from the group consisting of hydrogen, E, O-R^{52}, $NR^{51}R^{52}$, S-R^{52}, where

E is an unsaturated, saturated or partially unsaturated mono-, bi- or tricyclic ring having a maximum of 14 carbon atoms and 0 to 5 nitrogen atoms, 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms, which may comprise up to two oxo groups, and E may be substituted by radicals R^{55}, R^{56}, R^{57} and/or up to three radicals R^{53},

R^{51} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl and C_1-C_4-alkylen-phenyl, where the phenyl ring may be substituted by up to two radicals R^{53},

R^{52} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, E and C_1-C_4-alkylen-E,

R^{53} at each occurrence is independently selected from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

R^{54} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl and C_1-C_4-alkylen-phenyl, where the phenyl ring may be substituted by up to two radicals R^{59},

R^{55} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl, C_1-C_4-alkylen-phenyl, where the ring may be substituted by up to two radicals R^{60}, and OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, NH_2, NH(C_1-C_4-alkyl) and N(C_1-C_4-alkyl)$_2$,

R^{56} is a group Q^1-Q^2-Q^3, where

Q^1 is selected from the group consisting of a bond, C_1-C_4-alkylen, C_2-C_4-alkenylen, C_2-C_4-alkynylen, C_1-C_4-alkylen-N(C_1-C_4-alkyl), N(C_1-C_4-alkyl), C_1-C_4-alkylen-NH, NH, N(C_1-C_4-alkyl)-C_1-C_4-alkylen, NH-C_1-C_4-alkylen, O, C_1-C_4-alkylen-O, O-C_1-C_4-alkylen, CO-NH, CO-N(C_1-C_4-alkyl), NH-CO, N(C_1-C_4-alkyl)-CO, CO, SO_2, SO, S, O, SO_2-NH, SO_2-N(C_1-C_4-alkyl), NH-SO_2, N(C_1-C_4-alkyl)-SO_2, O-CO-NH, O-CO-N(C_1-C_4-alkyl), NH-CO-O, N(C_1-C_4-alkyl)-CO-O, N(C_1-C_4-alkyl)-CO-N(C_1-C_4-alkyl), NH-CO-N(C_1-C_4-alkyl), N(C_1-C_4-alkyl)-CO-NH, and NH-CO-NH,

Q^2 is selected from the group consisting of C_1-C_4-alkylen, C_2-C_4-alkenylen, C_2-C_4-alkynylen, and a bond,

Q^3 is a hydrogen or an unsaturated, saturated or partially unsaturated mono-, bi- or tricyclic ring having a maximum of 14 carbon atoms and 0 to 5 nitrogen atoms, 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms, which may comprise up to two oxo groups and may be substituted by the radicals R^{63}, R^{64} and/or R^{65},

R^{57} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, phenyl, C_1-C_4-alkylen-phenyl, COOH, CO-O-C_1-C_4-alkyl, $CONH_2$, CO-NH-C_1-C_4-alkyl, CO-N(C_1-C_4-alkyl)$_2$, CO-C_1-C_4-alkyl, CH_2-NH_2, CH_2-NH-C_1-C_4-alkyl and CH_2-

$N(C_1\text{-}C_4\text{-alkyl})_2$,

R^{58} at each occurrence is independently selected from the group consisting of hydrogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, phenyl and C_1-C_4-alkylen-phenyl, where the phenyl ring may be substituted by up to two radicals R^{62},

R^{59}, R^{60} and R^{62} at each occurrence are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, $NH(C_1\text{-}C_4\text{-alkyl})$ and $N(C_1\text{-}C_4\text{-alkyl})_2$,

R^{63}, R^{64} and R^{65} at each occurrence are selected independently of one another from the group consisting of hydrogen, chlorine, bromine, iodine, fluorine, CN, CF_3, OCF_3, NO_2, OH, O-C_1-C_4-alkyl, O-phenyl, O-C_1-C_4-alkylen-phenyl, phenyl, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, NH_2, $NH(C_1\text{-}C_4\text{-alkyl})$ and $N(C_1\text{-}C_4\text{-alkyl})_2$,

~~provided that if W is a bond, then X is NR^{54}, NR^{54}-CO or NR^{54}-SO_2, or if W is a bond, then X and Y are a bond and Z is $NR^{51}R^{52}$,~~ provided that if W is a bond, then X is NR^{54}, NR^{54}-CO or NR^{54}-SO_2, or if W is a bond, then X and Y are a bond and Z is $NR^{51}R^{52}$ or E, where E is an unsaturated, saturated or partially unsaturated mono-, bi- or tricyclic ring having a maximum of 14 carbon atoms and 1 to 5 nitrogen atoms, and 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms, which ring may comprise up to two oxo groups and may be substituted by radicals R^{55}, R^{56}, R^{57} and/or up to three radicals R^{53}, and which ring is bound via a nitrogen ring atom to the remainder of the molecule,

and their tautomeric forms, enantiomeric and diastereomeric forms~~, and prodrugs~~ thereof.

7. (Previously Presented) The compound of claim 6, wherein D is an aromatic heteromonocyclic system comprising 1 or 2 heteroatoms, where one of the 2 heteroatoms is nitrogen.

8. (Previously Presented) The compound of claim 6, wherein D is selected from the group consisting of pyrimidine, pyridine, pyridazine, pyrazine, thiazole, imidazole, thiophene and furan.

9. (Previously Presented) The compound of claim 6 wherein G is selected from the group consisting of thiophene, furan, pyrrole, pyrazole, isoxazole, pyridine, pyrimidine, quinoline, isoquinoline, tetrahydroisoquinoline, benzothiophene, benzofuran, indole, imidazole, thiazole, imidazothiazole, benzooxazine and quinoxaline.

10. (Previously Presented) A pharmaceutical composition comprising a compound as claimed in claim 1 and a pharmaceutically acceptable carrier.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Previously Presented) A pharmaceutical composition comprising a compound as claimed in claim 6 and a pharmaceutically acceptable carrier.

19.-31 (Cancelled).